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## (54) AD HOC RADIO TERMINAL

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent the use efficiency of radio resources from decreasing and to shorten the time needed to change a communication route by trying to change a current communication route through a communication between a repeater terminal and a destination terminal even when the current communication route is not cut off.

**SOLUTION:** When a repeater terminal and a destination terminal, in a communication route which is currently used, become unable to communicate with each other as the destination terminal moves, a change of the current communication route is tried through the communication between the repeater terminal and destination terminal even if the current communication route is not cut off. This terminal has a communication route for transferring data packets controlled according to information held in a route storage part 55 and transmission source data 61, destination data 62, etc., and held in the route storage part 55. A communication route control part 58 repeats route

control and changes the communication route at need according to the contents of a beacon packet received by a beacon reception part 57 and the respective data held in the route storage part 55.

